

Amendments to the Claims:

1-24. (Canceled)

25. (New) A herbicidal composition comprising a herbicidally effective aggregate amount of a triketone herbicide and dimethenamid in a weight ratio between 1:2 and 1:10.

26. (New) A composition according to claim 25 further comprising a triazine at a weight ratio of 3:1 to 1:3 relative to the dimethenamid content.

27. (New) A composition according to claim 26 wherein the triazine is atrazine.

28. (New) A composition according to claim 25 wherein the triketone is selected from the group consisting of 2-(2-chloro-4-methanesulfonylbenzoyl)-1,3-cyclohexanedione; 2-(4-methylsulfonyloxy-2-nitrobenzoyl)-4,4,6,6-tetramethyl-1,3-cyclohexane dione; 3-(4-methylsulfonyloxy-2-nitrobenzoyl)-bicyclo[3,2,1]octane-2,4-dione; 3-(4-methylsulfonyl-2-nitrobenzoyl)-bicyclo[3,2,1]octane-2,4-dione; 4-(4-chloro-2-nitrobenzoyl)-2,6,6-trimethyl-2H-1,2-oxazine-3,5(4H,6H)dione; 4-(4-methylthio-2-nitrobenzoyl)-2,6,6-trimethyl-2H-1,2-oxazine-3,5(4H,6H) -dione; 3-(4-methylthio-2-nitrobenzoyl)-bicyclo[3,2,1]octane-2,4-dione; 4-(2-nitro-4-trifluoromethoxybenzoyl)-2,6,6-trimethyl-2H-1,2-oxazine-3,5-(4H,6H)-dione.

29. (New) A composition according to claim 25 wherein the triketone is 4-(4-chloro-2-nitrobenzoyl)-2,6,6-trimethyl-2H-1,2-oxazine-3,5(4H,6H)dione.

30. (New) A method of controlling undesired plant growth in the presence of a crop comprising applying to the locus of said undesired plant growth a herbicidally effective aggregate amount of dimethenamid and a triketone herbicide wherein the application rate of dimethenamid is from 0.1 to 3.0 kg/ha.

31. (New) A method according to claim 30 wherein the triketone is selected from the group consisting of 2-(2-chloro-4-methanesulfonylbenzoyl)-1,3-cyclohexanedione; 2-(4-methylsulfonyloxy-2-nitrobenzoyl)-4,4,6,6-tetramethyl-1,3-cyclohexane dione; 3-(4-methylsulfonyloxy-2-nitrobenzoyl)-bicyclo[3,2,1]octane-2,4-dione; 3-(4-methylsulfonyl-2-nitrobenzoyl)-bicyclo[3,2,1]octane-2,4-dione; 4-(4-chloro-2-nitrobenzoyl)-2,6,6-trimethyl-2H-1,2-oxazine-3,5(4H,6H)dione; 4-(4-methylthio-2-nitrobenzoyl)-2,6,6-trimethyl-2H-1,2-oxazine-3,5(4H,6H) -dione; 3-(4-methylthio-2-nitrobenzoyl)-bicyclo[3,2,1]octane-2,4-dione; 4-(2-nitro-4-trifluoromethoxybenzoyl)-2,6,6-trimethyl-2H-1,2-oxazine-3,5-(4H,6H)-dione.

32. (New) A method according to claim 30 wherein the triketone is 4-(4-chloro-2-nitrobenzoyl)-2,6,6-trimethyl-2H-1,2-oxazine-3,5(4H,6H)dione.

33. (New) A method according to claim 30 further comprising a triazine herbicide.

34. (New) A method according to claim 30 wherein the crop is maize.

35. (New) A method according to claim 30 wherein the crop is sugar cane.

36. (New) A method according to claim 30 wherein the application rate of dimethenamid is from 0.25 to 1.5 kg/ha.

37. (New) A method according to claim 30 wherein the dimethenamid and the triketone herbicide are is applied postemergence.

38. (New) A method according to claim 30 wherein the dimethenamid and the triketone herbicide are is applied preemergence.

39. (New) A method according to claim 30 wherein the undesired plant growth is a broadleaf weed.

Appl. No.: 09/990,570
Amdt. dated August 13, 2009
Reply to Office Action of June 29, 2009

40. (New) A method according to claim 30 wherein the undesired plant growth is a grassy weed.